

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------------------------|------------------|---------|------------------|
| L7 | 561 | (@ad<"20040331" or @rlad<"20040331") and 257/E23.011.ccls. and (resistor resistance) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/06 09:55 |
| L6 | 968 | (@ad<"20040331" or @rlad<"20040331") and 257/E23.011.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/06 09:55 |
| S77 | 1320 | (@ad<"20040331" or @rlad<"20040331") and 257/355-363.ccls. and (resistor restistance) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/05 15:19 |
| S76 | 258 | (@ad<"20040331" or @rlad<"20040331") and 257/358.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/05 15:00 |
| S74 | 495 | (@ad<"20040331" or @rlad<"20040331") and ((protect protection) with (resistor) with (pad)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/26 10:22 |
| S73 | 1623 | (@ad<"20040331" or @rlad<"20040331") and 257/E23.02.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/26 09:44 |
| S72 | 2033 | (@ad<"20040331" or @rlad<"20040331") and (input with (resistor resistance)) and (pad terminal) and esd | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/26 08:10 |
| S71 | 1226 | (@ad<"20040331" or @rlad<"20040331") and 257/355.ccls. and (resistor resistance pad) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/25 15:33 |
| S69 | 1313 | (@ad<"20040331" or @rlad<"20040331") and 257/355-363.ccls. and (resistor restistance) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/25 14:56 |
| S68 | 244 | (@ad<"20040331" or @rlad<"20040331") and 257/358.ccls. and (resistor resistance pad) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/25 14:42 |
| S67 | 19 | "5066999" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/10 10:49 |
| S66 | 7 | "5867418" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/10 10:48 |
| S65 | 35 | "4757363" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/10 10:47 |

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| S64 | 12 | "5663860" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/10 09:36 |
| S63 | 59 | ("4412237" "4453174" "4476476" "4654689" "4661815").PN. OR ("4819047").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/10 09:09 |
| S62 | 2 | "20040222469" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/10 09:06 |
| S61 | 59 | ("4412237" "4453174" "4476476" "4654689" "4661815").PN. OR ("4819047").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/10 08:58 |
| S60 | 1 | "20070187763" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/09 21:47 |
| S59 | 35 | ("4100561" "4131928" "4143391" "4400711" "4484244" "4543593" "4567500" "4595941" "4631567" "4757363" "4760433" "4811155" "4870530" "4875130" "4891729" "4918563" "4939616" "5012317" "5043782" "5072273" "5138413" "5214562" "5289334" "5452171" "5500546").PN. OR ("5663860").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/09 14:58 |
| S58 | 20 | ("4633283" "4890187" "4939616" "5003371" "5012317" "5016078" "5032742" "5272371" "5274262" "5291139" "5347185" "5438213" "5548134" "5663860" "5717559").PN. OR ("5903424").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/09 14:55 |
| S57 | 23 | ("5274262" "5572394" "5602404").PN. OR ("5717559").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/09 14:32 |
| S56 | 12 | ("20070034875" "4819047" "5034845" "5635822" "5717559" "5736732" "5917220" "5991134" "6211554" "6696701" "6967826" "7115952").PN. OR ("7335953").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/09 14:30 |
| S55 | 1310 | (@ad<"20040331" or @rlad<"20040331") and 257/355-363.ccis. and (resistor resistance) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/09 13:55 |

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| S54 | 1487 | (@ad< "20040331" or @rlad<"20040331") and 257/355-363.cccls. and (resist resistor restistance) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/09 13:55 |
| S53 | 1614 | (@ad< "20040331" or @rlad<"20040331") and 257/E23.02.cccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/09 12:54 |
| S52 | 2010 | (@ad< "20040331" or @rlad<"20040331") and (input with (resistor resistance)) and (pad terminal) and esd | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/09 12:13 |
| S51 | 104927 | (@ad< "20040331" or @rlad<"20040331") and (input with (resistor resistance)) and (pad terminal) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/09 12:13 |
| S50 | 104927 | (@ad< "20040331" or @rlad<"20040331") and (input with (resistor resistance)) and (pad terminal)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/09 12:13 |
| S49 | 1 | "20020008563" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/04 09:02 |
| S48 | 1 | "20010013662" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/04 09:02 |
| S47 | 17 | "5786616" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/04 08:59 |
| S46 | 35 | ("3673428" "3754171" "4062039" "4476476" "4503448" "4509067").PN. OR ("4720737").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/04 08:52 |
| S45 | 7 | ("4720737" "5442217" "5616943" "5641981").PN. OR ("5828107").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/04 08:51 |
| S44 | 5 | "5828107" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/04 08:49 |
| S43 | 5 | "5909046" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/03 15:53 |
| S42 | 38 | "4922371" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/03 15:52 |

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| S41 | 15 | "5561373" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/03 15:51 |
| S40 | 29 | "5336908" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/03 15:50 |
| S39 | 52 | "5654588" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/03 15:48 |
| S38 | 5 | "5875089" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/03 15:47 |
| S37 | 9 | "5895958" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/03 15:39 |
| S36 | 2 | "6225679" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/03 15:38 |
| S35 | 8 | "6303948" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/03 15:37 |
| S34 | 5 | "6304423" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/03 15:36 |
| S33 | 50 | "5218222" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/03 15:34 |

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| S32 | 2 | "6583476" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/03 15:34 |
| S31 | 18 | ("3754171" "4011467" "4027173" "4062039" "4066918" "4160923" "4209713" "4261004" "4288829").PN. OR ("4514646").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/03 15:18 |
| S30 | 30 | ("3403270" "3636418" "3712995" "3728591" "3967295" "4042948" "4092735").PN. OR ("4288829").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/03 15:13 |
| S29 | 34 | ("4394674" "4423431"). PN. OR ("4509067").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/03 15:07 |
| S28 | 15 | ("4609931" "4616243" "4733285" "4736271" "4821089").PN. OR ("5182621").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/03 14:59 |
| S27 | 20 | ("4044373" "4288829" "4509067" "4616243").PN. OR ("4733285").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/03 14:55 |
| S26 | 47 | ("4733285" "4819047" "5072271" "5181092").PN. OR ("5218222").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/03 14:42 |
| S25 | 23 | ("3673428" "3712995" "3967295" "4143391" "4989057" "5399507" "5489792").PN. OR ("5786616").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/02 17:52 |
| S24 | 244 | (@ad<"20040331" or @rlad<"20040331") and 257/358.ccls. and (resistor resistance pad) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/02 16:52 |
| S23 | 4 | ("5270565").PN. OR ("5557130").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/02 16:43 |
| S22 | 82 | (@ad<"20040331" or @rlad<"20040331") and 361/91.2.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/02 16:35 |
| S21 | 24 | ("3436751" "3795863" "4763184" "4779041" "4839768" "4875130" "4922371" "4930037" "5051860" "5059831" "5086365").PN. OR ("5561373").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/02 16:28 |

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|-----|------|---|---------------------------|----|----|---------------------|
| S20 | 141 | (@ad< "20040331" or @rlad<"20040331") and ((esd) with (resistor) with (pad)) not S17 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/02 15:42 |
| S19 | 396 | (@ad< "20040331" or @rlad<"20040331") and ((esd) with (resistor) with (pad)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/02 15:41 |
| S18 | 30 | ("4400711" "4757363" "4939616" "5012317" "5140401" "5181092" "5182220").PN. OR ("5336908").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/02 14:45 |
| S17 | 490 | (@ad< "20040331" or @rlad<"20040331") and ((protect protection) with (resistor) with (pad)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/02 12:34 |
| S16 | 493 | (@ad< "20040331" or @rlad<"20040331") and (esd and (resistor resistance) and (pad terminal)).clm. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/02 09:34 |
| S15 | 19 | ("4136354" "4158807" "4783690" "4818895" "4908682").PN. OR ("5034796").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/27 13:56 |
| S14 | 3 | ("5034796").PN. OR ("5635822").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/27 13:56 |
| S13 | 162 | (@ad< "20040331" or @rlad<"20040331") and (esd and (resistor resistance) and (pad terminal)).ab. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/27 13:49 |
| S12 | 5688 | (@ad< "20040331" or @rlad<"20040331") and esd and (resistor resistance) and (pad terminal) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/27 13:49 |
| S11 | 5907 | (@ad< "20040331" or @rlad<"20040331") and esd and (resistor resistance) and (pad terminal probe) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/27 13:49 |
| S10 | 12 | ("20070034875" "4819047" "5034845" "5635822" "5717559" "5736732" "5917220" "5991134" "6211554" "6696701" "6967826" "7115952").PN. OR ("7335953").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/27 12:27 |

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| S8 | 33 | sony.as. and (usuki adj hideki).in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 10:55 |
| S6 | 2505 | sony.as. and (hideki).in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 10:55 |
| S4 | 1673 | sony.as. and tetsuo.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 10:53 |
| S3 | 1692 | sony.as. and tetsuo | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 10:53 |
| S2 | 54 | "220094" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 10:50 |
| S1 | 1 | sony.as. and "220094" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/27 10:50 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|-------------|------------------|---------|------------------|
| L5 | 258 | ((pad) and (resistor resistance)).clm. and 257/355-363.ccls. | USPAT; UPAD | OR | ON | 2009/12/06 08:48 |
| L4 | 87 | ((pad land) and (resistor resistance) and (electrode conductor interconnect) and (esd protect protection) and substrate and (semiconductor silicon)).clm. | USPAT; UPAD | OR | ON | 2009/12/06 08:37 |
| L3 | 283 | 257/358.ccls. | USPAT; UPAD | OR | ON | 2009/12/06 08:17 |

12/6/2009 10:05:59 AM

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